

CG100H Series Installation guide

Ratings

Main unit

Operation Voltage DC 6V
Current consumption 300mA

Power supply: Citygrow CG101AD Mini Power Supply



CG101AD Mini Power Supply
Input: AC 100 to 277V, 50/60Hz
Output: DC 6V, 600mA

Before getting started



WARNING! The product must be installed by a qualified electrician in accordance with all applicable regulations and building codes. Improper wiring can result in personal injury or damage to control units or other equipment. Always turn off circuit breaker or remove main fuse from power line before doing any work. To avoid overheating and possible damage to equipment.



WARNING! Do not operate control units with any lamps removed or burned out; replace any burned out lamps immediately; use only transformers that incorporate thermal protection or fused primary windings. ! The product is designed for residential and commercial use, for indoor use only.



WARNING! Install in accordance with all national and local electrical codes.



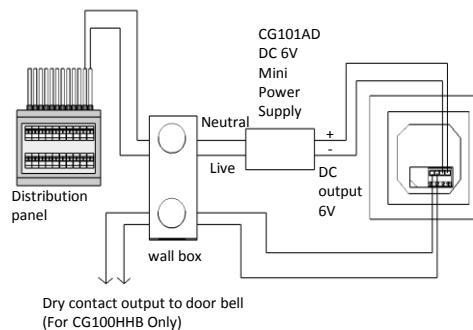
IMPORTANT! Citygrow® is not liable for any damage incurred with the misuse of this product.



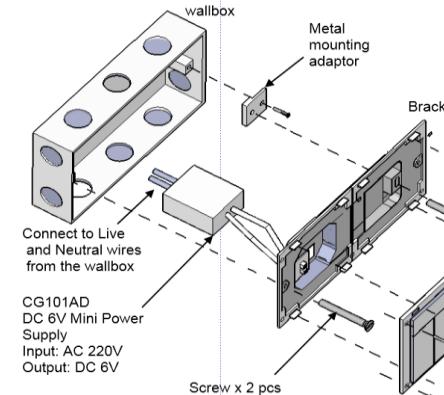
IMPORTANT! Pre-setup can only be done by a professional worker or manufacturer agent.

Installation instruction

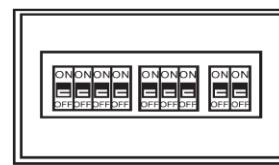
Wiring diagram



Case 3: For CG100H8-MD



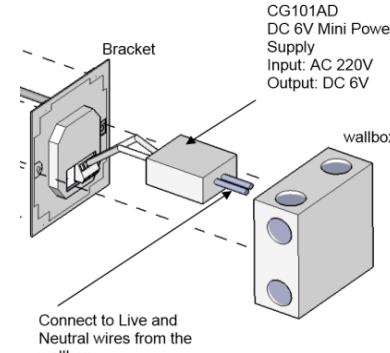
STEP 1: IMPORTANT! Turn off main power at the main switch board



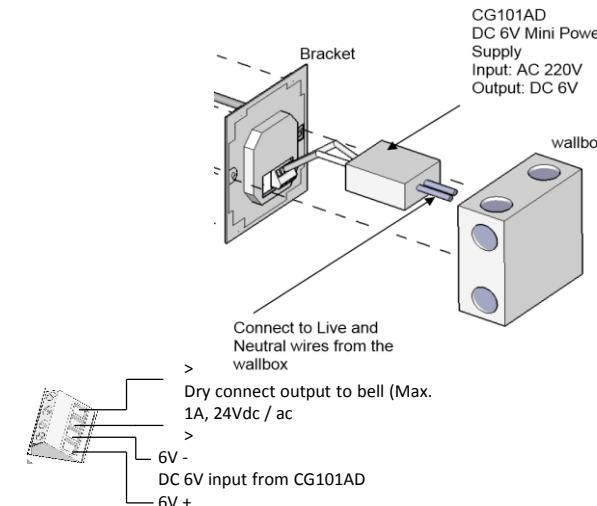
STEP 2: Loosen the screws of the original wall switch. Remove the switch and disassemble the wiring.

STEP 3: Connect the main power cable to the Live and Neutral terminals of the CG101AD Mini Power Supply, and then connect the DC output wires of the CG101AD to the DC input of CG100H Series

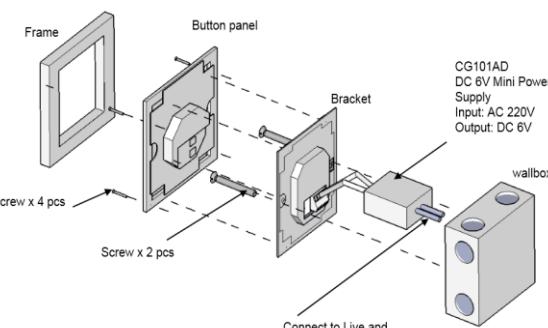
Case 1: For CG100H, CG100HTH/CG100HTHV1



Case 2: For CG100HBB - also connect the doorbell according to the following



STEP 4: Fasten the screws of all terminals and check that the wires are properly secured. Retrofit the bracket of CG100H series into the standard switch box and mount it on the wall by fastening the two screws in the wall box.



STEP 5: Power up the main switch board, the LED indicators on CG100H series will be lighted up. Since the CG100H is not programmed and setup by HomeNET planner software at this moment, the product buttons will not function at this stage.

Notes:

Use standard UK wall box BS4662; minimum 35mm deep. During installation of the wall box, it is recommended to embed the wall box deeper inside the wall in order to give more room to install the product. The room inside is recommended to have 50mm deep.